EPA	United States Environmental Protection Agency Washington DC 20460 Interagency Agreement / Amendment	1 EPA / IAG identification Number DW89936191-01-0 2 Other Agency ID Number 3 Type of Action	4 Funding Location by Region XI 5 Program Office Abbreviation
	Part I - General Information	NEW	RREL/CIN
6 Name and Address of EPA Organization ENVIRONMENTAL PROTECTION AGENCY RREL/STDD 26 W MARTIN LUTHER KING DRIVE CINCINNATI, OH 45268		7 Name and Address of Other Agency ENERGY, DEPARTMENT OF RETD P O BOX 5400 ALBUQUERQUE, NM 87185	
8 Project Title	CPFM SITE DEMONSTRATION		
GATCHE RREL/ST 26 W MA	ARTIN LUTHER KING DRIVE ATI, OH 45268	10 Other Agency Project Officer (Name, Addre GIVENS, RICHARD, DOE RETD P O BOX 5400 ALBUQUERQUE, NM 87185 (505) 845-6060	ss, Telephone Number)
11 Project Perio 08/01/93	to 09/30/94	12 Budget Period 08/01/93 to 09/30/94	

13 Scope of Work (Attach additional sheets, as needed)

SEE ATTACHMENTS A AND 1

The EPA Grants Specialist for this IAG is Dorothy L. Jackson, Phone no (202) 260-4392

14 Statutory Authority for Both Transfer of Funds and Project Activities

COMMITMENT VERIFIED.

Date. 9/1/93. By

15 Other Agency Type

ECONOMY ACT OF 1932 AS AMENDED						FEDERAL	
FUND:	s	PREVIO	US AMOUNT	AMOUNT THIS ACTIO	ON NC	AMENDED TOTAL	
16 EPA Amount			0	191,000			
17 EPA In-Kind Amount			0	0			
18 Other Agency Amount			0	0			
19 Other Agency In-Kind Amount		int	0	0			
20 Total Project Cost			0	191,000			
21 Fiscal Information	1						
Program Element	FY	Appropriation	Doc Control No	Account Number	Object Class	Obligation/Deoblig Amt	
TD1Y1A	93	68-20X8145	C3E540	3TD126C025	25 71	191,000	

REVIEW WAIVER PER

Part II -	EPA IAG Identification Number DW89936191-01-0		
22. Budget Categori	ies	Itemization o This Action	t Itemization of Total Project Estimated Cost to Date
a) Personnel		0	0
b) Fringe Benefits		0	0
c) Travel		0	0
d) Equipment		O	0
e) Supplies	<u></u>	0	0
Procurement / Assistance		191,000	191,000
g) Construction		0	
h) Other		O	0
(i) Total Direct Charges		191,000	191 000
j) Indirect Costs Rate 0 00% Base \$		0	0
(k) Total			
(EPA Share 100.00%) (Other Agency Share	0.00%)	191,000	191,000
(Identify all equipment costing \$1000 or more)			
24 Are any of these funds being used on extramura	al agreements? (See Item 221)	Yes No	
Type of extramural agreement Grant Co	operative Agreement	X Procurement	(includes Small Purchase Order)
Contractor / Recipient Name (if known)	Total Extramural Amount under	this Project	Percent Funded by EPA (if known)
MANAGEMENT AND OPERATING	191,000		100 00
CONTRACTORS-DOE			
	Funding Methods and Bill	ing Instruction	ns
Z Funds-Out Agreement (Note EPA A	gency Location Code (ALC)	- 68010727)	
X Disbursement Agreement			
Office, Cincinnati,	OH 45268	•	nd submitted to the Financial Management
X Ma	-	Upon Completio	
Advance this type of payme		completion of wor	with appropriate justification of need for k will be returned to EPA. Quarterly cost incinnati, OH 45268
Allocation approval by the Office	e of the Comptroller, Budget Division reports to the Financial Reports an	on, Budget Formu	leral agencies Must receive prior lation and Control Branch, EPA Hdqtrs h, Financial Management Division, PM-
Funds-in Agreement			
	payment Ivance		
Allocation Transfer-In			
Other Agency's IAG Identification Number		EPA Program Of 26C	fice Allowance Holder/Resp Center No
Other Agency's Billing Address (include ALC or Sta	Other Agency's Billing Instruction and Frequency		

	Part IV - Acceptance Condition	redmun nor spitute and the spi		
27 General C		,		
The other agency covenants and agrees that it will expeditiously initiate and complete the project for which funds have been awarded under this agreement.				
28 Special C	onditions. (Attach additional sheets if needed)			
	ATTACHED DDE SPECIAL CONDITION TO	BE RETURNED TO EPA BY DOE		
NOT	HIMCHED TO THIS	DECEMBER 15, 1993.		
ŒΕ	ACCEPTED DOCUMENT. BY	Carationic registre,		
	PEDTIFICA	TION OF AVAILABILITY OF FUNDS		
	• (9)	721/2		
		04-08 \$181.731.68		
		DW89936191010		
		LA DO DA DA		
	Dela: _9/	22/93 Ashm 4: Stratos		
	B. 41 / A4	and Appendix and		
Note: 1)		and Acceptance on the other agency official in duplicate		
.1016. 1)	and one original returned to the Grants Admin	istration Division for Headquarters agreements or to the		
	appropriate EPA Regional IAG administration of time as may be granted by EPA	ffice within 3 calendar weeks after receipt or within any. The agreement/amendment must be forwarded to the		
	address cited in Item 29 after acceptance signatu	re		
		e properly executed document within the prescribed time		
	may result in the withdrawal of the offer by EPA	L Any change to the agreement/amendment by the other		
	agency subsequent to the document being sig determines to materially alter the agreement/ame	ned by the EPA Action Official, which the Action Official		
-	• 1500	• • •		
2)	For Funds-in actions, the other agency agreements/amendments to the appropri	will initiate the action and forward two original		
	agreements/amendments will then be forward	ed to the appropriate EPA IAG administration office for		
	acceptance signature on behalf of the EPA. On acceptance	e original copy will be returned to the other agency after		
EPA IA	3 Administration Office (for administrative assistance)	EPA Program Office (for techni al assistance)		
29 Organizat		30 Organization/Address		
Grants	Information & Analysis Branch/GAD			
l U.S. EF	PA	U.S. EPA , RREL/STDD		
	Street, SW (3903F)	26 W. Martin Luther King Dr.		
Washington, DC 20460		Cincinnati, Ohio 45268		
Certification				
All signers certify that the statements made on this form and all attachments thereto are true accurate and				
imprise	ete. Signers acknowledge that any knowingly fals onment or both under applicable law,	se or misleading statement may be punishable by fine or		
31 Signature		rironmental Protection Agency Program Office		
2	E. Timot	thy Oppelt, Director		
Risk Reduction Engr. Laboratory 6/38/73				
Action Official on Behalf of the Environmental Protection Agency				
32. Signature Typed Name and Title Date				
W. Scott McMoran, Chief 9/7/93				
Grants Information & Analysis Br. FPA // // Authoriting Official on Behalf of the Other Agency				
Typed Name and Title				
ARobert Y. Lowery, Director 9/24/93				
EPA Form 1	610-7 (Rev 10-88)	sable & Energy Tech. Divisidn DOF		

MELD OFFICE, ALBUQUERQUE

Page 3 of 5

Attachment A

STATEMENT OF WORK CPFM SITE Demonstration Rocky Flats Plant (RFP)

BACKGROUND

The mission of the Superfund Innovative Technology Evaluation (SITE) Program, is to accelerate the development and use of new cost effective treatment technologies. The objective of the SITE Program is to develop reliable engineering performance and cost data on alternative treatment technologies for use in Superfund site remediation. Technologies tested under the SITE Program directly apply to the types of hazardous waste found at many Federal Facilities. The Department of Energy, Rocky Flats Plant (RFP) facility, having similar hazardous waste concerns, benefit from the test and evaluation of SITE technologies.

This agreement is intended to facilitate cooperative efforts between Agencies in the evaluation and demonstration of the Filter Flow Technology, Inc., Colloid Polishing Filter Method (CPFM).

This agreement is entered into pursuant to the authority of the Economy Act of 1932, as amended (31 USC 1535), or other statutory authority references and adheres to Federal Acquisition Regulation (FAR) 6.002. To the best of our knowledge, the work requested will not place the DOE and its contractor in direct competition with the private sector.

OBJECTIVES

The objective of this agreement is to establish administrative methods that will permit cooperative and coordination between U.S. EPA RREL and U.S. DOE RFP in the demonstration and evaluation of the CPFM technology under the SITE Program. The purpose of the agreement is to 1) confirm administrative cooperation 2) identify lines of communication 3) facilitate cooperative technology evaluation 4) confirm rapid technology transfer.

This agreement does not alter the statutory authorities of DOE or EPA and does not supersede or void existing understandings or agreements.

RESPONSIBILITIES

DOE RFP agrees to commit personnel and manage the following activities:

- 1) Site Health & Safety including Radiation Safety
- 2) Site preparation
- 3) Sampling
- 4) Decontamination
- 5) Waste handling

In turn, EPA RREL agrees to commit personnel and manage the following activities:

- 1) Demonstration Plan
- 2) Sample analysis
- 3) Report development
- 4) Demonstration oversight; this will include overseeing data quality and monitoring activities at the site, collecting samples of untreated waste, treated product, residuals, and any other streams.

DOE RFP and EPA RREL mutually agree to:

- 1) Provide necessary information and contacts to the other party as needed an upon request.
- 2) Provide proposed press releases or other public affairs information related to joint efforts or projects for review and concurrence of the other party prior to release.
- 3) Reference this agreement in any supplemental agreements, amendments, IAGs, or letters of agreement prepared to document details of activities carried out during the CPFM demonstration.

DELIVERABLES

The following deliverable will be prepared by EPA.

- -- Demonstration Test Plan
- -- Demonstration Bulletin
- -- Demonstration Videotape
- -- Demonstration Reports

RESOURCES

The U.S. EPA RREL shall assume the expenses associated with their above listed responsibilities. In addition EPA agrees to provide funding of \$191K in support of the DOE activities listed above.

PERFORMANCE PERIOD

This agreement will become effective upon the date of signature by both parties and will continue in force for 1 year or until modified by mutual consent, or terminated at the request of either party with ninety (90) days prior notice.

PROJECT MANAGERS

NAME	ORGANIZATION	<u>ADDRESS</u>
Annette Gatchett	EPA-RREL	26 W. M.L. King Dr. Cincinnati, OH 45268 513/569-7697
Scott Grace	DOE-RFP	Highway 93 Rocky Flats, CO 80401 303/966-7199